

PROCESSING AND PROPERTIES INDEX

21

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Coal from the island of Pag (Dalmatia). Petar Saboucello (Univ. of Zagreb). *Arhiv Kem. i Tehnol.* 14, 127-28 (1940).—Two samples of coal and 3 samples of bituminous shale contained, resp., moisture 14.50, 13.58, 11.25, 11.02, and 10.10%; ash 4.30, 2.45, 34.00, 42.10, and 41.40%; C 54.80, 50.01, 35.40, 20.17, and 31.20%; H 4.00, 4.62, 3.14, 3.01, and 3.00%; S 2.75, 2.75, 2.05, 3.35, and 3.05%; O + N 18.54, 19.09, 12.30, 11.30, and 11.10%. Coke yields were 44.87, 42.81, 57.57, 50.85, and 61.00%; the coke was of small size, and easily crumbled. Distn. of the first sample of coal and the first sample of shale gave, resp., semicoke 57.00 and 60.20%; tar 5.40 and 5.32%, water 20.85 and 17.24%; gas 10.95 and 8.10%.
C. S. Shapiro

ASS-ILA METALLURGICAL LITERATURE CLASSIFICATION

SABIONCELLO, Petar

Separation of the coal from Muško Središće by the float-and-sink method. Petar Sabioncello, Veljko Korac, and Ivan Brlek (Zagreb Univ., Yugoslavia). *Kemija u industriji* (Zagreb) 2, 367-76 (1953).—Results are reported on the sepn. of 7 coal samples from Muško Središće (Slovenia, Yugosl.) into fractions of different sp. grs. by the float-and-sink method in trichloroethylene and tetrachloroethane. The sp. gr. of these liquids was adjustable from 1.25 to 1.50 by diln. with gasoline. The corresponding sepn. diagrams are presented.
N. Plavšić

SABIONCELLO, P.

V 3880. ANALYSES OF YUGOSLAVIAN COALS. Sabioncello, P. and Krao, V.
(Teh. Pregl. (Tech. Rev., Zagreb), Mar. 1955, 13), 7-76, illustr. in Ass. tech.
Industr. Gaz France Circ. bibliogr., 15 Nov. 1955, (10), 4). Analyses of 59
FU samples of Yugoslavian anthracite, coal and lignite are given. (D)

SABIONCELLO, P.

The training of chemical engineers at the Faculty of Technology
in Zagreb; also, a reply by I. Brihta. p. 101. KEMIJA U INDUSTRIJI
(DRustvo kemicara-tehnologa NR Hrvatske. Sekcija kemicara) Zagreb.
Vol. 5, no. 5, May 1956

SOURCE: East Europe Accession Lists (EEAL),
Library of Congress, Vol. 5, no. 11, Nov. 1956

SABIONCELLO, R ; TAKSIC, A.; KORAC, V.

Finds of new coal deposits in Krndija Planina. p. 87.

GEOLOSKI VJESNIK. (Zavod za geoloska istrazivanja Hrvatske i Hrvatsko geolosko drustvo) Zagreb, Yugoslavia. Vol. 11, 1957 (published 1958)

Monthly list of East European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959

Uncl.

YUGOSLAVIA / Chemical Technology. Chemical Products H-13
and Their Application. Ceramics. Glass.
Binding Materials. Concrete.

Abs Jour: Ref Zhur-Khimiya, No 1, 1959, 2156.

Author : Sabioncelo, P.
Inst : Not given.
Title : The Corrosion of Stone and Concrete Caused by
Chemical Agents.

Orig Pub: Zast. mater., 1958, 6, No 1, 38-41.

Abstract: The corrosion in stone and concrete construct-
ions caused by SO_2 and SO_3 present in the at-
mosphere of large industrial centers as well as
by substances present in rain, well water and
sea water. The destructive action of sulfates,
various organic and inorganic acids and their
salts upon CaO , SiO_2 , carbonates and silicates

Card 1/2

AUTHOR: Sabioncello, Petar YUG/2-58-12-1/19

TITLE: Ash and Mineral Matter in Coal (Pepec i mineralna materija ugljena)

PERIODICAL: Kemija u industriji, 1958, Nr 12, pp 303 - 315

ABSTRACT: Coal consists of a pure volatile (fuel) component consisting of compounds of C, H, O, N and organic sulfur and a mineral component (ash). The author describes the nature of the ash and its origin in coal. Chemical reactions which occur during combustion are discussed and various formulae given for calculating the mineral content from analytic data. A formula by the Russian author I.V. Krim is mentioned. Methods of analyzing the individual constituents of the mineral component are also given. Thiesen, Mayer and Brinsmaid's methods of analyzing the mineral content are discussed in detail. To test the accuracy of these methods, coal samples from Mursko Središće (brown coal), Raša (bituminous) and Kakanj (topshab) were analyzed by each of the methods and the results drawn up in

Card 1/2

Ash and Mineral Matter in Coal

YUG/2-58-12-1/19

tabular form for comparison. Some corrections are listed which must be made to the results to arrive at an exact analysis. There are 10 tables and 14 references of which 2 are Yugoslav, 1 Soviet, 7 German, 2 English and 2 American.

ASSOCIATION: Zavod za rudarsku kemiju, Tehnološki fakultet, u Zagrebu
(Institute for Mining Chemistry, Technological Faculty, Zagreb)

Card 2/2

SABIONCELLO, P.

"Chemical handbook." Vol. 3. 2d ed, ed. by [Dr. ing.] Mirko Ceh,
[ing.] Aleksander Kandare, [dr. ing.] Ladislav Kosta, [ing.] Marcel
Zorga. Reviewed by P. Sabioncello. Croat chem acta 34 no.3:195 '62.

SABIR, V. A.

Sabir, V. A. "Methods of setting up the water balance of the irrigation system in the conditions of the Kura-Araksinskiy plain," Trudy Azerbaydzh. nauch.-issled. in-ta gidrotekhniki i melioratsii, Vol. I, 1948 [On cover: 1949], p. 78-90 -- Bibliog: 12 items

SO: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

SABIR, V. A.

Fish Culture

Fish canals for fish that spawn in lakes and flood waters. Ryb. khoz., 28, No. 6, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

SABIR V.A.

State of the Kirov and Agrakhan Gulfs in connection with their
reclamation [as commercial fishing grounds] following the lower-
ing of the sea level. Trudy Okean. kom. 5:376-380 '59.

(MIRA 13:6)

(Kirov Gulf--Water resources development)
(Agrakhan Gulf--Water resources development)

SABIROV, A.

Necessary redesign of working organs of cotton-picking machinery.
Dokl. AN Tadh. SSR 3 no.1:31-33 '60. (MIRA 13:12)

1. Institut zemledeliya AN Tadhikskoy SSR. Predstavleno akademikom
AN Tadhikskoy SSR S.U.Umarovym.
(Cotton-picking machinery)

SABIROV, B. Z. Cand Biol Sci -- (diss) "Wild fruit plants of ~~the~~ Surkhan-Dar'inskaya Oblast of the ²Uzbek SSR." Len, 1959. 17 pp (Acad Sci USSR. Botanical Inst im V. L. Komarov), 210 copies (KL, 52-59, 119)

SABIROV, B.Z.

A new almond species from Uzbekistan. Bot.mat.Gerb. 19:230-
232 '59. (MIRA 12:8)
(Surkhan-Darya Province--Almond)

SABIROV, B.Z.

Species and vertical distribution limits of wild fruit plants in the western part of the Gissar Range. Bot. zhur. 44 no.4:519-522 Ap '59.
(MIRA 12:10)

1. Uzbekskiy nauchno-issledovatel'skiy institut sadovodstva i vinogradarstva im. akad. R.R. Shredera, Tashkent.
(Gissar Range--Fruit)

17(12)

SOV/177-58-11-31/50

AUTHORS:

Reznik, M.B., Captain of the Medical Corps, Candidate of Pharmaceutical Sciences; and Sabirov, F.I., Senior-Lieutenant of the Medical Corps

TITLE:

A Method for Mass Investigation of the Vitamin C Content of the Body

PERIODICAL:

Voyenno-meditsinskiy zhurnal, 1958, Nr 11, p 83 (USSR)

ABSTRACT:

The content of Vitamin C was simultaneously determined in the blood and urine of 147 persons by means of N.S. Zheleznyakova's method. The authors ascertained, that there is a quantitative dependence between the concentration of vitamin C in the blood plasma and its hourly elimination with the urine in the morning on an empty stomach. Zheleznyakova's method can be applied in mass investigation of groups for the approximate evaluation of the vitamin C saturation of the organism. If in most persons under

Card 1/2

SABIROV, F.M.

Combination of fibromyoma of the corpus uteri with extrauterine pregnancy. Kaz.med.zhur. 40 no.5:78-79 S-0 '59. (MIRA 13:7)

1. Iz akushersko-ginekologicheskoy kliniki (zav. - prof. N.Ye. Sidorov) Kazanskogo gosudarstvennogo instituta dlya usovershenstvovaniya vrachey im. V.I. Lenina. (UTERUS--TUMORS) (PREGNANCY, EXTRAUTERINE)

SABIROV, F.M.

Effect of aminazine on the contractile activity of the uterus.
Kaz. med. zhur. no.5:55-56 S-0 '61. (MIRA 15:3)

1. Pervaya kafedra akusherstva i ginekologii (zav. - prof.
N.Ye. Sidorov) Kazanskogo gosudarstvennogo instituta dlya
usovershenstvovaniya vrachey imeni Lenina.

(UTERUS)
(CHLORPROMAZINE)

SABIROV, F.M., assistant

Treatment of infected abortions. Kaz.med.zhur. no.5:35-36 S-0
'62. (MIRA 16:4)

1. Pervaya kafedra akusherstva i ginekologii (zav. - prof.
N.Ye.Sidorov) Kazanskogo gosudarstvennogo instituta dlya
usovershenstvovaniya vrachey imeni V.I.Lenina.
(ABORTION—COMPLICATIONS AND SEQUELAE)

SABIROV, F.M., assistant

Primary cancer of the tuba uterine. Kaz. med. zhur. no. 5:79-80
S-0'63 (MIRA 16:12)

1. Pervaya kafedra akusherstva i ginekologii (zav. - prof.
N.Ye Sidorov) Kazanskogo gosudarstvennogo instituta dlya us-
vershenstvovaniya vrachey imeni Lenina.

SABIROV, F.M., assistant (Kazan')

Abdominal pregnancy in a primigravida. Kaz. med. zhur. no. 5: 88
S-0'63 (MIRA 16:12)

SABIROV F.Z.

KISELEV, A.V.; ~~SABIROV, F.Z.~~; ETTINGER, I.L.; YANOVSKAYA, M.F.

Adsorption of methane on carbon black and coal above and below critical temperature. Dokl. AN SSSR 111 no.1:129-132 N-D '56. (MLR 10:2)

1. Institut gornogo dela Akademii nauk SSSR i Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova. Predstavleno akademikom A.A.Skochinskim.
(Adsorption) (Methane) (Carbon black)

SABIROV, G.S.

Dusting apparatus mounted on the Komarov automatic disin-
fection machine. Veterinariia 42 no.11:109-110 N '65.
(MIRA 19:1)

1. Direktor Turtkul'skoy veterinarnoy laboratorii
Karakalpakskoy ASSR.

MARKOV-OSORGIN, A.V., inzhener; SABIROV, I.Kh., inzhener.

The new DGM-4 depth manometer. Neftianik 1 no.11:23 N '56.
(MLBA 9:12)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.
(Manometer)

14(5)

SOV/92-58-9-9/36

AUTHORS: Abyzbeyev, I.I., and Sabirov, I. Kh., Engineers

TITLE: Methods of Studying Oil Wells (Praktika issledovaniya neftyanykh skvazhin)

PERIODICAL: Neftyanik, 1958, Nr 9, pp 12 - 14 (USSR)

ABSTRACT: The proper exploitation of an oil bearing area is impossible without a preliminary study of the properties and characteristics of the productive formation and of the oil it contains. This study is particularly important when the oil bearing formation is worked by applying boundary flooding. In oilfields of the Tuymazaneft' Administration the pressure in the formation and at the borehole bottom is gaged by deep-well manometers. The MGL-5 lift manometer used for this purpose is rather precise. The study of pressure revealed that a number of wells can increase their oil output. In some places the submerged electrical pumps were inserted into wells and, as a result, the flow of oil surged. The borehole pressure should be gaged under two

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different operating conditions, and the lift manometer should be sunk to a depth where gas is not separated from oil. Two diagrams given by the author characterize the bottom hole pressure gaged by a lift manometer and by a differential manometer under different operating conditions. Oil wells with a free flow and gushers are studied either with a DGM-4 manometer or helical manometer introduced in 1953. In 1954 the Ufa Petroleum Scientific Research Institute assisted by the Tuymazaneft' Administration began to study the interrelation of wells using the deep well lift manometers. This study enabled the above organizations to draw important conclusions about the structure of the oil bearing formations at the Tuymazy platform. In view of the fact that the use of deep well instruments and tools mounted on a truck is not practical in the fall and winter, it has been proposed to use a manually operated winch installed on a sledge during these seasons. Operations connected with the study of oil wells were also facilitated by the improvement of lubricators and a slight modification in the deep well manometers. However, the study of formations is handicapped by the shortage of manometers of both

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SOV/92-58-9-9/36

the above-mentioned types. In addition to gaging oil well pressure, it is also important to gage the oil flow of wells. Automatic instruments used for this purpose are scanty, and the author recommends that the production of these instruments be increased and the supply improved. It is also important to ensure a supply of spare parts for deep well manometers, sample thieves, winches, etc. Drillers of the Bashkir oil-fields need them badly. There are 2 diagrams.

ASSOCIATION: UFNII (The Ufa Petroleum Scientific Research Institute)

Card 3/3

ANDREYEV, Ye.A.; SABIROV, I.Kh.; YURIN, I.Ya.

Results of the intensive development of the layer D_{11} in the
Konstantinovskoye field. Neft. khoz. 38 no.3:39-44 ~~№~~ '60.
(MIRA 13:7)

(Bashkiria--Oil fields--Production methods)

SABIROV, I. Kh.

Studying the displacement of the water-oil contact and oil yield
of reservoir DII of the Konstantinovka field. Neft.khoz. 41 no.10:
29-35 0 '63. (MIRA 17:4)

SABIROV, I.Kh.

Investigating the effect of the flow rate on the recovery factor of
bed D₁₁ in the Konstantinovka oil field. Nefeprom. delo no.5:7-9
'64. (MIRA 17:9)

1. Ufimskiy neftyanoy nauchno-issledovatel'skiy institut.

STAROBINETS, I.S.; SAGIDOVA, F.Z.; SAMSONOVA, L.M.; SABIROV, Kh.

High-boiling aromatic hydrocarbons of Fergana crude oils. Uz^h.
khim. zhur. 7 no.6:59-65 '63. (MIRA 17:2)

1. Institut geologii i razrabotki neftyanykh i gazovykh
mestorozhdeniy AN UzSSR.

SULTANKHODZHAYEV, A. N.; SABIROV, K. A.; KURBANOV, S. Ya.

Water potential of Pre-Cambrian and Paleozoic formations in the
Fergana artesian basin. Uzb. geol. zhur. 6 no.5:40-54 '62.
(MIRA 15:10)

1. Institut gidrogeologii i inzhenernoy geologii AN Uzbekskoy
SSR.

(Fergana—Water, Underground)

UL'MASOV, A.U., kand. ekon. nauk; UL'MASBAYEV, Sh.N., doktor ekon. nauk; DZHAMALOV, O.B., doktor ekon. nauk; BLINDER, I.B., kand. ekon. nauk; KHODZHAYEV, S.M., kand. ekon. nauk; RASULEV, M., kand. ekon. nauk; SABIROV, Kh.R., kand. ekon. nauk; SAFAYEV, A.S., kand. ekon. nauk; ABDULLAYEV, M.A., kand. ist. nauk; ABDURAIMOV, M.A., kand. ist. nauk, red.; AMINOV, A.M., doktor ekon. nauk, red.; MIL'MAN, Z.A., red.; GOR' KOVAYA, Z.P., tekhn. red.

[History of the national economy of Uzbekistan] Istorii narodno-go khoziaistva Uzbekistana. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR. Vol.1. 1962. 389 p. (MIRA 16:1)

1. Akademiya nauk Uzbekskoy SSR, Tashkend. Institut ekonomiki. (Uzbekistan--Economic conditions)

SABIROV, Kh.Sh.; PETRIK, A.P.

Determinating porosity from the mud of carbonate rocks in the oil fields of the cis-Ural depression. Nefteprom. delo no.10: 23-25 '64. (MIRA 17:12)

1. TSekh nauchno-issledovatel'skikh i proizvodstvennykh rabot neftepromyslovogo upravleniya "Ishimbayneft".

SABIROV, Kh.Sh.; PETRIK, A.P.; GABBASOV, G.Kh.; SYROV, Ye.Kh.

Residual water saturation of carbonate rocks in the oil and gas fields of reef origin in the Cis-Ural Trough. Nefteprom. delo no.11:3-4 '64. (MIRA 18:3)

1. Tsekh nauchno-issledovatel'skikh i proizvodstvennykh rabot neftepromyslovogo upravleniya "Ishimbayneft".

ATAKHODZHAYEV, A.E.; FAYZULLAYEV, Sh.F.; OSMANOV, S.A.; SABIROV, L.M.

Spectroscopic determination of the orientational relaxation times of disubstituted benzenes in solution. Vest. LGU 19 no.16:15-17 1962.

(MIRA 17:11)

SABIROV M.A.

MUSTAFIN, Kh.A.; ROZENFEL'D, B.A.; ROMANOV, N.P.; SABIROV, M.A.

"Analytic geometry for pedagogic institutes" by T.N. Kary-Niazov.
Usp.mat.nauk 12 no.2(74):247-252 Mr-Apr '57. (MIRA 10:7)
(Geometry, Analytic--Study and teaching)
(Kary-Niazov, T.N.)

SABIROV, M.K.:

SABIROV, M.K.: "The effect of granulated fertilizer on the growth, development, and yield of berry crops". Tashkent, 1955. Published by the Acad Sci Uzbek SSR. Min Culture USSR. Tashkent Agricultural Inst. (Dissertations for the Degree of Candidate of Agricultural Sciences.)

So. Knizhnaya letopis'. No. 49, 3 December 1955. Moscow.

COUNTRY : USSR
CATEGORY : Cultivated Plants. Fruit. Berry. Muciferous. M
ABS. JOUR. : RZhBiol., No. 3, 1959, No. 11085
AUTHOR : Sabirov, M. K.
INST. : Fruit and Berries Institute, AS Uzbek SSR
TITLE : Application of Granular Fertilizers to the Fruit Trees.

REG. PUB. : Izv. AN UzSSR, 1956, 69-75

ABSTRACT : The experiments were conducted at the Fruit and Berries Institute, AS Uzbek SSR. The effect of granular superphosphate and potassium nitrate was compared with the usual fertilizers on the typical serozema of Tashkent piedmont zone. The orchard was kept in bare fallow for 10 years and during the last 3 years fertilizers were not applied. The orchard is occupied by the apple trees Re-net Simirenko of the 1933 planting. The highest increase in the number of blossoms was produced by P₀ and N₀ granulated with the organic fertilizer. The count of

CARD: 1/3

COMPARISON :
CATEGORY :

RES. JOUR. : RZhBiol., No. 1959, No. 11085

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : the fruit sets was made on the 38th day after blossoming. P₀ granulated together with semi-rotted manure gave an increase of 23% in comparison with the ordinary P₀ and in comparison with the mixture of P₀ plus semi-rotted manure - an increase of 9%. The influence of granulating is reflected in the growth and development of different plant organs and in the size of the yield. In a number of cases, the results of the application of semi-rotted manure in mixture with mineral fertilizers, are close to the effect of granulated fertilizers. Application of

CARD: 2/3

SABIROV M.K.

USSR/Cultivated Plants. Fruits, Berries. . M

Abs Jour : Ref Zhur - Biol., No 8, 1958, 34803

Author : Kovalev N.V., Sabirov M.K.

Inst : -

Title : Coalescence of Fruit Tree Roots

Orig Pub : Botan. zh. 1957, 42, No 8, 1286-1288

Abstract : In irrigated areas of Tashkent, seedlings of the apple tree varieties Kandil'-Sinap, Napoleon, Reinette, Orleans, Parmen Winter Golden and Medzvetzkiy, developed a coalescence of the roots in 3 to 5 percent of the plants of all varieties. Described are 5 types of such coalescence. -- Fortunatov.

Card : 1/1

KALMYKOV, S.S. & SABIROV, M.K.

Quick-bearing walnuts. Friroda 49 no.11:115 N '60. (MIRA 13:11)

1. Institut sadovodstva, vinogradarstva i vinodeliya in.
akad. R.R.Shredera, Bostandykskoye opytnoye pole.
(Walnut)

KALMYKOV, S.S.; SABIROV, M.K.

Chinese dates of Bostandykskiy District. Uzb. biol. zhur. no.2:
56-57 '61. (MIRA 14:5)
(BOSTANDYKSKIY DISTRICT—JUJUBE (PLANT))

SABIROV, M. S., kand.tekhn.nauk; KIM, F. N., inzh. (Alma-Ata)

Basin snow-water irrigation as an importan source of feed pro-
duction. Gidr. i mel. 12 no.6:3-9 Je '60. (MIRA 13:7)
(Kazakhstan--Pastures and meadows--Irrigation)

SOV/44-58-4-2693

Translation from: Referativnyy zhurnal, Matematika, 1958,
Nr 4, (USSR)

AUTHOR: Sabirov, M.S.

TITLE: Certain General Identities of the Operator Zeta Function
(Nekotoryye obshchiye tozhdestva operatornoy
dzeta-funktsii)

PERIODICAL: Tr. Uzbekskogo un-ta, 1956, Nr 65, pp 141-146

ABSTRACT: Employing the method developed by the author (Izv. in-ta
matem. i mekhan. pri Tomsk. un-te, 1945, 3: 1, pp 145-173), the
author derives the identity:

$$\sum_{n=1}^{\infty} \frac{\log n}{n^s} f(x^n) = (s+\lambda) \int_1^x \frac{[u]}{u^{s+1}} \sum_{n=1}^{\infty} \frac{f(x^{un})}{n^s} \Lambda(n) du, \quad (\lambda = -x \log \frac{d}{dx}),$$

and also the Lambert identity and certain of its modifications.

N.P. Romanov

Card 1/i

SOV/124-58-10-10695

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 10, p 1 (USSR)

AUTHOR: Sabirov, M. S.

TITLE: Mathematical Investigations of the Uzbek State University
(Matematicheskiye issledovaniya Uzbekskogo gosudarstvennogo universiteta)

PERIODICAL: [Tr.] Uzb. un-ta, 1957, Nr 76, pp 101-124

ABSTRACT: Review of investigations published in connection with the 30th anniversary of the Uzbek State University. From the works relating to the sphere of mechanics, investigations carried out under the direction of I. S. Kukles concerning the problem of the isochronism of nonlinear oscillations of conservative and non-conservative systems are specifically mentioned. Other investigations implemented by the Department of Theoretical Mechanics of the Uzbek University concern the determination of the kinetic energy of a solid object during complex motion and the derivation of generalized equations of the mechanics of non-holonomous systems with nonlinear connections. Mention is made of

Card 1/2

SOV/124-58-10-10695

Mathematical Investigations of the Uzbek State University

practical works dealing with motor-vehicle stability and design improvements
of movie projectors as well as the problems of the methodology of mechanics.

V. P. Shidlovskiy

Card 2/2

SABIROV, M.S., MUKHITDINOV, M.P.

Connection between a prime number P_n and its index.
Trudy UzGU no.78:143-146 '58. (MIRA 13:6)
(Numbers, Prime)

SABIROV, M.S. , MUKHITDINOV, P. Kh.

Some orthogonal and biorthogonal systems. Trudy UzGU no.78:
147-152 '58. (MIRA 13:6)

(Numbers, Theory of)

SABIROV, M. S.

Irrigation

Useful book (Estuarine irrigation in Kazakhstan. Reviewed by I. A. TSatsenkin.,
Korm. Baza No. 1, 1951.

9. Monthly List of Russian Accessions, Library of Congress, March 1952 ~~1953~~, Uncl.

1. SABIROV, M. S.
2. USSR (600)
4. Irrigation Farming
7. Constructing field basins for irrigation meadows. Korm. baza 4 no. 3, 1953

9. Monthly List of Russian Accessions, Library of Congress, June 1953. Unclassified.

1. SABITOV, M. S.
2. USSR (600)
4. Kazakhstan - irrigation
7. Construction and use of local storage basins for irrigation in Kazakhstan, Gird. i mel., 5, no. 3, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

SABIROV, M.S., kandidat tekhnicheskikh nauk.

Main problems of basin irrigation with local water in Kazakhstan.
Vest. AN Kazakh SSR 10 no.2:80-85 P '53. (MLRA 7:4)
(Kazakhstan--Irrigation) (Irrigation--Kazakhstan)

SABIROV, M.S., kand.tekhn.nauk

Basin snow-water irrigation is of great importance in increasing
the production of feeds. Zemledelie 23 no.4:19-24 Ap '61.

(MIRA 14:3)

1. Kazakhskiy nauchno-issledovatel'skiy institut vodnogo
khozyaystva.

(Feeds) (Irrigation farming)

USSR / Microbiology - Industrial Microbiology.

F

Abs Jour: Ref Zhur-Biol., No 9; 1958, 38403.

Author : Volkova, P. P., Sabirov, N. S.

Inst : Not given.

Title : Experimental Preparation of Yeast Cultures.

Orig Pub: Vinodelie i vinogradarstvo SSSR, 1957, No 6,
50-51.

Abstract: No abstract.

Card 1/1

KALASHNIKOV, Viktor Anatol'yevich; SABIROV, Rais Shakirovich;
RUDAKOVA, L.A., red.

["Ufa" welding torch; practical manual for introducing
the use of propane-butane mixtures in the flame machining
of metals] Svarochnaia gorelka "Ufa"; prakticheskoe poso-
bie po vnedreniiu v gazoplamennuiu obrabotku metallov pro-
pan-butovykh smesi. Ufa, Bashkirskoe knizhnoe izd-vo, 1963.
102 p. (MIRA 18:10)

SABIROV, S. , mekhanik

Contribution of efficiency promoters. Prom.koop. 13 no.9:11
S '59. (MIRA 13:1)

1. Moskovskaya artel' invalidov "Znamya truda".
(Clothing industry)

SABIROV, S.

"The Clinicohematological Characteristics of Internal Leishmaniasis in Infants." Cand Med Sci, Tashkent State Medical Inst imeni V. M. Molotov, Tashkent, 1955. (KL, No 9, Feb 55)

SO: Sum. No. 631, 26 Aug 55 - Survey of Scientific and Technical Dissertation Defended at USSR Higher Educational Institutions (14)

SABIROV, S.

Sabirov, S. - "Along the broad waterway", (Captains M. Sh. Akhtyamov and M. N. Popova of Volga steamships, outline), Lit. Tatarstan, book 2, 1949, p. 142-53.

SO: U-4110, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, N^o. 19, 1949).

RIZAYEV, N.U.; RUSTAMOV, Kh.R.; SABIROV, Sh.M.

Effects of certain variables on the process of ion exchange. Uzb.
khim. zhur. no.1:35-38 '61. (MIRA 14:1)

1. Sredneaziatskiy politekhnicheskiy institut.
(Ion exchange)

KACATKIN, A.G.; SERPIONOVA, Ya.N.; SABIROV, Sh.M.

Determining the rate of adsorption for the first pore of the
Langmuir adsorption isotherm. Trudy VNIIT no. 60311-150 '63.
(1021 25112)

SABIROV, S.S.

Effectiveness of therapeutic and preventive measures in
a general pediatric hospital. Med. zhur. Uzb. no.1:41-43
Ja '62. (MIRA 15:3)

1. Iz kafedry pediatrii (zav. - dotsent A.L. Bussel')
Tashkentskogo gosudarstvennogo instituta usovershenstvovaniya
vrachey.

(PEDIATRICS)

L 25895-66 EWT(d) IJP(c)

ACC NR: AP6011424

SOURCE CODE: UR/0020/66/167/004/0755/0757

AUTHOR: Sabirov, T.ORG: Voronezh State University (Voronezhskiy gosudarstvennyy universitet)TITLE: On the problem of ¹⁶stability of small periodic solutions

SOURCE: AN SSSR. Doklady, v. 167, no. 4, 1966, 755-757

TOPIC TAGS: periodic solution, ordinary differential equation, stability criterion, existence theorem

ABSTRACT: Given the ordinary differential equation

$$\dot{x} / dt = f(t, x, \lambda) \quad (1)$$

whose right side is ω -periodic in t and λ is a scalar parameter. It is desired to determine the existence and stability of small nonzero ω -periodic solutions of the above system. To this end, the bifurcation magnitude λ_0 is defined such that, for each $\varepsilon > 0$, there exists a

$$\lambda \in (\lambda_0 - \varepsilon, \lambda_0 + \varepsilon) \quad (2)$$

for which the above system has a nonzero solution. The solution is limited to the case of small λ only. Equation (1) is written in the form

$$\dot{x} / dt = A(t, \lambda)x + B_m(t, x, \lambda) + F(t, x, \lambda) \quad (3)$$

Card 1/2

UDC: 517.91.9

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ACC NR: AP6011424

D

where B_m contains the homogeneous terms of order m and F contains higher order terms. The matrix A is expressed by

$$A(t, \lambda) = A(t, 0) + \lambda^p A_1(t) + o(\lambda^p), \quad (4)$$

where p is an integer greater than zero. Three theorems are stated for the existence of ω -periodic solutions corresponding to even and odd values of m and p . The proofs are given using the Schmidt transformations and Newton diagrams. The analysis corresponds to cases where α_0 is nonzero as well as zero, where

$$\alpha_0 = \int_0^{\omega} (V^{-1}(\tau, 0) A_1(\tau) x_0(\tau), g_0) d\tau, \quad (5)$$

This paper was presented by A. Yu. Ishlinskiy, academician, on 29 June 1965. Orig. art. has: 9 equations.

SUB CODE: 12/ SUBM DATE: 26Jun65/ ORIG REF: 008/ OTH REF: 002

Card 2/2. BKG

YESAYAN, A.R.; SABIROV, T.

Incompatibility of certain semiordering relations. Dokl. AN
Tadzh. SSR 6 no.4:8-12 '63. (MIRA 17:4)

1. Otdel fiziki i matematiki AN Tadzhikskoy SSR i Tadzhikskiy
gosudarstvennyy universitet imeni Lenina. Predstavleno
akademikom AN Tadzhikskoy SSR S.U.Umarovym.

SABIROV, U.Sh.

Some results of the study of artesian waters in the Kyzyltyube
massif. Vop. geol. Uzb. no.3:179-186 '62. (MIRA 16:6)

(Fergana—Water, Underground)

GONCHAROV, I.P., agronom; SABIROV, U. Sh., inzh.- gidrogeolog

Regime of ground waters during the irrigation and reclaiming
and bringing under cultivation of Solonchak soils in central
Fergana Province. Gidr. i mel. 16 no.12:3-10 D '64.
(MIRA 18:2)

1. Golodnostepskaya gidrogeologicheskaya stantsiya.

SABIROV, Z.S.

New data on the European corn borer in Tashkent Province. Vop.
ekol. 7:160-161 '62. (MIRA 16:5)

1. Sredneaziatskiy nauchno-issledovatel'skiy institut fitopato-
logii, Tashkent.

(Tashkent Province--European corn borer)

MARKMAN, A.L., doktor khim.nauk; SABIROV, Z.S., inzh.

Two-stage extraction of raw cotton pulp. Masl.-zhir.prom. 28
no.2:14-17 F '62. (MIRA 15:5)

1. Institut khimii rastitel'nykh veshchestv AN UzSSR.
(Cottonseed oil) (Extraction apparatus)

SABIROV, Z.S.

Ecology of European corn borer (*Pyrausta nubilalis* Hbn.) in
Tashkent Province. Uzb.biol.zhur. 7 no.2:49-53 63.(MIRA 16:8)

1. Institut zoologii i parazitologii AN UzSSR.
(TASHKENT PROVINCE—EUROPEAN CORN BORER)

MARKMAN, A.L., doktor khim.nauk; SHAMSUTDINOV, R.I., kand.tekhn.nauk;
SABIROV, Z.S., inzh.; BURNASHEVA, S.H., kand.tekhn.nauk

Dynamics of gossypol extraction. Masl.-zhir.prom. 29 no.11:13-15
N '63. (MIRA 16:12)

1. Institut khimii rastitel'nykh veschestv AN UzSSR.

SOKOL'SKAYA, A.M.; ~~SABIROVA, A.A.~~; KOLODINA, I.S.

Extraction of saponin from *Gleditschia australis leguminosae* and
Sapindus mukorossi G. sapindaceae. Apt. delo 9 no. 5:23-25 S-0
'60. (MIRA 13:10)

1. Kafedra organicheskoy khimii Kazakhskogo gosudarstvennogo
universiteta imeni S.M. Kirova.
(SAPONINS) (HONEY LOCUST) (SOAPBERRY)

S/850/62/008/000/003/004
B119/B101

AUTHORS: Suvorov, B. V., Rafikov, S.R., Kagarlitskiy, A. D.,
Sabirova, A. A., Svetasheva, V. A.

TITLE: Oxidation of organic compounds. Communication XXXIII.
Oxidizing ammonolysis of p- and m-xylene mixtures

SOURCE: Akademiya nauk Kazakhskoy SSR. Institut khimicheskikh
nauk. Trudy. v. 8. Alma-Ata, 1962. Kataliticheskiy
sintez monomerov. 109-114

TEXT: The synthesis of terephthalic dinitrile (I) and isophthalic dinitrile (II) was investigated by reaction of mixtures of p- and m-xylene of various molar ratios in amounts of 40-70 g with 120-175 g of NH_3 , 350-500 g of H_2O , and 2400-4800 liters of air per hour and per liter of catalyst, with contact times of 0.2 - 0.5 sec, at 350-410°C. Molten lead vanadate served as catalyst. The contents of I and II in the reaction product were determined by polarography. Results: The yields of I and II were only slightly affected by a change in the contact time and in the rate of adding the reaction mixture. When the reaction

Card 1/2

Oxidation of organic compounds...

S/850/62/008/000/003/004
B119/B101

temperature is raised the yield of I + II reaches a maximum between 360 and 390°C, while the yield of gaseous substances increases steadily. The formation of I and II depends essentially on the molar ratio of the xylene isomers used: under otherwise equal reaction conditions, the yields of I were ~39, ~3, and ~52%, whilst those of II were ~35, ~3, and over 80% respectively, at the ratios m-xylene : p-xylene = 4:1, 1:1, and 1:9 (referring to the theoretical maximum yield). There are 5 figures. ✓

Card 2/2

SABIROVA, G.Sh.

Significance of Fürth-Fischer's phage method in the diagnosis of bacterial dysentery. Trudy Inst. kraev. eksper. med. no.3:30-36 '61.

(MIRA 15:5)

(DYSENTERY)

(BACTERIOPHAGE)

SABIROVA, G.Sh.

Phage titer reaction in the diagnosis of bacterial dysentery. Trudy
Inst. kraev. eksper. med. no.3:37-42 '61. (MIRA 15:5)
(DYSENTERY) (BACTERIOPHAGE)

SAMSONOVA, Z.F.; SABIROVA, G.Sh.

Data on the bacteriology of protracted postdysenteric colitis. Trudy
Inst. kraev. eksper. med. no.3:43-49 '61. (MIRA 15:5)
(COLITIS--MICROBIOLOGY)

SABIROVA, G.Sh.

Reaction of the increase in the bacteriophage titer in dysentery
diagnosis. Vop.biol.i kraev.med. no.3:230-233 '62.

(MIRA 16:3)

(DYSENTERY)

(BACTERIOPHAGE)

BAKHIMOV, N.R.; SAMSONOVA, E.F.; SABIROVA, G.Sh.

Microflora of gastric juice in chronic gastritis. Trudy Inst.
krazv. eksper. med. no.5:41-44 '63. (MIRA 17:6)

SABIROVA, G. V.

USSR/ Physical Chemistry - Kinetics. Combustion. Explosives. Topochemistry.
Catalysis

B-9

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11286

Author : Bashkirov A.N., Loktev S.M., Sabirova G.V.

Inst : Institute of Petroleum, Academy of Sciences USSR

Title : Study of Catalytic Activity of Some Metal Oxides in the Synthesis
from Carbon Monoxide and Hydrogen

Orig Pub : Tr. In-ta nefti AN SSSR, 1956, 8, 168-175

Abstract : Study of catalytic activity of oxides of Pb, Sn, Cd, Mo, W, Cr, Si, Mn, Ti, V, Al, Mg, Sr, Th (with addition 0.5-5% K_2CO_3) in the reaction of synthesis of hydrocarbons from mixture $CO : H_2 = 1 : 1$ in circulation system at 300-500°, and 30 atm pressure (250° atm in the case of ThO_2 and Al_2O_3) at space velocities 100-150 hour⁻¹. Oxides of Pb, Sn, and Cd, under the above-stated conditions are reduced to the metal and their activity is very slight. Catalyst based on oxides of Mo, W, Si, Mn, V, Mg show high activity but produce mostly gaseous hydrocarbons. Catalysts based on oxides of Ti and Sr were found to be inactive. Highest activity is exhibited by $SiO_2 + 2\% K_2CO_3$, the yield of liquid reaction products

1/2

USSR/ Physical Chemistry - Kinetics. Combustion. Explosives. Topochemistry.
Catalysis

B-9

Orig Pub : Referat Zhur - Khimiya, No 4, 1957, 11286

with this catalyst being of 30-60 g/m³. Granulated K₂CO₃, and also K₂CO₃ deposited on activated charcoal, are inactive. It is noted that all catalysts of the synthesis based on CO and H₂ must possess the property of activating the CO molecule.

2/2

SABIROVA, G. V., Cand Chem Sci -- (diss) "Study in the field of synthesis of oxygen-containing compounds from oxides of carbon and hydrogen." [With changes] Mos, 1958. 11 pp (Acad Sci USSR, Inst of Petroleum), 120 copies (KL, 35-58, 105)

SOV/ 65-58-7-7/12

AUTHORS: Bashkirov, A. N; Loktev, S. M. and Sabirova, G. V.

TITLE: Hydrogenation of Aldehydes and Ketones in Mixtures With Other Organic Compounds. (Gidrirovaniye al'degidov i ketonov v smesyakh s drugimi organicheskimi soyedineniyami).

PERIODICAL: Khimiya i Tekhnologiya Topliv i Masel, 1958, Nr.7. pp. 39 - 45. (USSR).

ABSTRACT: The authors investigated the selective hydrogenation of compounds containing a carbonyl group to aliphatic alcohols (especially C₅ - C₂₀). Starting materials used were liquid products obtained during synthesis from CO and H₂, fractions of these products, or individual aldehydes and ketones (Table 1). The hydrogenation was carried out in a continuous process. Copper-chrome-barium and nickel-magnesium oxalate, as well as fused iron catalysts, were used (70 - 75 cm²). Details of the preparation of the above catalysts are given. Table 2 gives results obtained during the hydrogenation over a copper-chrome-barium catalyst at 100 atms, at various temperatures. Experimental conditions during these experiments were those described by H. Adkins (Ref.3) and D. M. Rudkovskiy (Ref.9). Table 3: results obtained during the hydrogenation over nickel-magnesium oxalate catalysts at atmospheric pressure and

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SOV/65-58-7-7/12

Hydrogenation of Aldehydes and Ketones in Mixtures With Other Organic Compounds.

50°C. Iron catalysts were first investigated by V. N. Ipat'yev (Ref.2, 18 and 19). However, the yield of alcohols was low, and the yield of decomposition products high. Very good results were obtained when the hydrogenation was carried out over fused iron catalysts at pressures above 100 atms, and at a temperature of 200°C. Table 4: data on the hydrogenation over $Fe_3O_4 \cdot 1MoO_5$. When lithium-aluminium hydride was used in ether solution (Table 5), it was possible to achieve practically complete reduction of the carbonyl and also of other oxygen-containing compounds to alcohols. Yields of alcohols range between 70%- 80% for copper-chrome-barium and nickel-magnesium-oxalate catalysts and 90% - 98% for fused iron catalysts. There are 5 Tables, 19 References: 11 Soviet, 3 English and 5 German.

ASSOCIATION: Institut nefti AN SSSR (Petroleum Institute of the Academy of Sciences of the USSR).

Card 2/2

1. Aldehydes--Hydrogenation 2. Ketones--Hydrogenation 3. Organic compounds--Hydrogenation

BASHKIROV, A.N.; LOKTEV, S.M.; KAGAN, Yu.B.; SABIROVA, G.V.

Hydrogenation of compounds containing a carbonyl group (over fused
iron catalysts). Trudy Inst.nefti 13:180-195 '59. (MIRA 13:12)
(Carbonyl compounds) (Hydrogenation)
(Catalysts)

BASHKIROV, A.N.; LOKTEV, S.M.; SABIROVA, G.V.; NOVAK, F.I.

Composition of the liquid products obtained in the synthesis
from CO and H₂ on talc catalysts. Trudy Inst.nefti 14:76-84
'60. (MIRA 14:5)

(Carbon monoxide)
(Hydrogen)

Scientific Reports (Cont.)

SOV/4726

Rudakova, N. Ya., A. D. Bilonizhka, and S. Z. Krimerman. Car-
bamide Dewaxing of Filtrates of Wax Distillate From Dolinskaya
and Borislavskaya Crude Oils 83

Sabirova, G. V., and S. M. Loktev. Study of the Aliphatic Com-
position of Alcohols Produced by Selective Hydrogenation of the
Synthesis Product From CO and H₂ 86

AVAILABLE: Library of Congress

JA/dwm/ec
3-21-61

Card 5/5

S/510/60/014/000/004/006
D244/D307

AUTHORS: Bashkirov, A.N., Loktev, S.M., Sabirova, G.V., and Novak, F.I.

TITLE: Composition of liquid products of the synthesis from CO and H₂ on talc catalysts

SOURCE: Akademiya nauk SSSR. Institut nefti, Trudy, v. 14, 1960, Khimiya nefti, 76 - 84

TEXT: Results are presented of the chemical composition of CO - H₂ synthesis on talc catalysts and of the influence of the chemical composition of the catalysts and the synthesis conditions on the composition of the reaction products. It was found that the products were a complex mixture of alcohols, hydrocarbons, aldehydes, ketones and small quantities of acids and esters. The water of the reaction contained 1.2 % of organic acids and 12.5 % of neutral O-containing compounds (alcohols and ketones). There were about 30 % of carbonyl compounds in the products. Addition to the catalyst of .25 % of calcium aluminate increased the ketone content to 36.6 % - 39.7 %. With

Card 1/2

Composition of liquid products of ...

S/510/60/014/000/004/006
D244/D307

50 % of barium aluminate the content increased to 40 - 55 %. Selective hydrogenation of the liquid products could give liquids containing 75 - 80 % alcohols. The O-containing compounds before and after hydrogenation, contained unsaturated bonds. Increase of the space velocity from 100 h^{-1} to 500 h^{-1} gave 1.5 - to 4-fold increase in the alcohol content of the products and a decrease in the content of unsaturated compounds. Further increases to 1000 h^{-1} gave only small changes in the yields and composition of the products. Regeneration of the catalyst by air at $380 - 450^\circ$ enabled the authors to conduct the reaction at lower temperatures. Increase of the reaction temperature from $350 - 375^\circ\text{C}$ to $400 - 430^\circ\text{C}$ gave some increase in the content of alcohols, ketones, complex esters and carboxylic acids in the products and a decrease of the content of unsaturated compounds. There are 8 tables.

Card 2/2

S/710/60/000/001/004/004
D055/D113

AUTHORS: Sabirova, G.V.; Loktev, S.M.

TITLE: A study of the composition of aliphatic spirits obtained by means of the selective hydrogenation of the product of CO and H₂ synthesis.

SOURCE: Kiyev. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut ugol'noy, rudnoy, neftyanoy i gazovoy promyshlennosti. Nauchnyye zapiski, no. 1, 1960. Dobycha i pererabotka nefi, 86-91.

TEXT: The authors examine the composition of spirits obtained by means of a two-stage process: synthesis from CO and H₂ on a talc catalyst and subsequent hydrogenation of the synthesis product on fused iron catalysts. The following spirits were separated and identified: ethyl alcohol, isopropyl alcohol, n-propyl alcohol, secondary butyl alcohol, n-butyl alcohol, secondary amyl alcohol, n-amyl alcohol, secondary hexyl and n-hexyl alcohol. The yield of spirits with a boiling temperature of up to 157.4°C is 80.3% of the total quantity of spirits in the hydrogenate. Together with the

Card 1/2

S/710/62/000/008/001/003
E075/E436

AUTHORS: Sklyar, V.T., Sabirova, G.V., Zhurba, A.S., Candidates
of Chemical Sciences, Rozhin, V.P., Gonopol'skiy, L.Ye.,
Zvereva, A.D., Chuchvara, P.G., Engineers

TITLE: Preparation of freon oil $\times\phi$ -12 (KhF-12) from
Anastasiyevka crude

SOURCE: Kiyev. Gosudarstvennyy nauchno-issledovatel'skiy i
proyektnyy institut ugol'noy, neftyanoy i gazovoy
promyshlennosti. Nauchnyye zapiski. no.8. 1962.
Neftépererabotka. 48-57

TEXT: The authors investigated the possibility of producing freon
(refrigerant) oil KhF-12 from a naphthenic Anastasiyevka crude as
only insufficient amounts of this oil can be obtained from Dosor
and Balakhany crudes. The oils were produced in the L'vovskiy
neftépererabatyvayushchiy zavod (L'vov Refinery) from the
Anastasiyevka crude (IVth horizon). Vacuum distillates
constituting 13.7 and 8 to 9% of the crude were acid refined
giving oils having pour points below -38°C , flash points 164 to
 180°C and viscosities ranging from 18 to 20.8 cs at 50°C . These
oils did not satisfy the freon test (clouding of the oil/freon
Card 1/2

LOKTEV, S.M., kand.khimicheskikh nauk; SABIROVA, G.V., kand.khimicheskikh nauk; NOVAK, F.I., kand.khimicheskikh nauk

Composition of the products from a carbon monoxide-hydrogen synthesis over talc catalysts. Nauch.zap.Ukrniiproekta no.4:167-172 '61.
(MIRA 15:1)

(Petroleum chemicals)

SKLYAR, V.G. [Skliar, V.H.], kand.khim.nauk; SABIROVA, G.V. [Sabirova, H.V.],
kand.khim.nauk; PORUTSKIY, G.V. [Poruts'kiy, H.V.], kand.biolog.nauk;
TERENT'YEVA, V.M. [Terent'ieva, V.M.]; KOVAL'CHUK, L.V.

Alkali wastes of the Ukraine as raw material for the production of
petroleum growth promoting substances. Khim.prom. [Ukr.] no.1:
28-30 Ja-Mr '64. (MIRA 17:3)

ZHURBA, A.S., kand.khim.nauk; SABIROVA, G.V. [Sabirowa, H.V.], kand.khim.
nauk; TARENT'YEVA, V.M. [Terent'ieva, V.M.]; PORUTSKIY, G.V.
[Poruts'kyi, H.V.], kand.biolog.nauk

Production of superphosphates with the addition of petroleum
growth promoting substances. Khim.prom. [Ukr.] no.1:30-32 Ja-Mr
'64. (MIRA 17:3)

MAN'KOVSKAYA, N.K.; SABIROVA, G.V.; TARENT'YEVA, V.N.; GONOL'SKIY, L.Ye.

Separating organic substances from the alkali waste products
of carbon dioxide petroleum refining. Neft. i gaz. prom.
no.2:55-57 Ap-Je '64. (MIRA 17:9)

SABIROVA, G.V.; MAN'KOVSKAYA, N.K.; PORUTSKIY, V.P.; TEREENT'YEVA, V.N.; KOVAL'CHUK,
L.V.; LEBEDEVA, L.B.; ROZHIN, V.P.; GONOPOL'SKIY, L.Ye.; CHUCHVARA, P.G.

Studying petroleum growth-promoting substances in the petroleum re-
fineries of the Ukraine. Nefteper. i neftekhim. no.7:13-16 '64.
(MIRA 17:11)

1. UkrNIIGiproneft' i L'vovskiy neftepererabatyvayushchiy zavod.